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=> d his, d l3 tot ibib abs 'L3' IS NOT VALID HERE

For an explanation, enter "HELP DISPLAY HISTORY".

L4

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y) /N:n

=> d his; d 13 tot ibib abs

(FILE 'HOME' ENTERED AT 12:25:16 ON 10 MAY 2007)

FILE 'CAPLUS' ENTERED AT 12:25:40 ON 10 MAY 2007

25 S BRASSICASTANOL/IA L1

L2 775604 S OIL/IA

9 S L1 AND L2 L3

315 S STIGMASTANOL/IA

L5 65 S L4 AND L2

L6 1 S L1 AND L2 AND L4

FILE 'STNGUIDE' ENTERED AT 12:33:28 ON 10 MAY 2007

FILE 'CAPLUS' ENTERED AT 12:33:30 ON 10 MAY 2007

FILE 'STNGUIDE' ENTERED AT 12:33:31 ON 10 MAY 2007

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y) /N:y

L3 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:

2007:258961 CAPLUS

DOCUMENT NUMBER:

146:294721

TITLE:

Dietary supplements and prepared foods containing

triglyceride-recrystallized non-esterified

phytosterols

INVENTOR (S):

Perlman, Daniel; Hayes, Kenneth; Pronczuk, Andrzej

PATENT ASSIGNEE(S):

SOURCE:

U.S. Pat. Appl. Publ., 33pp.

CODEN: USXXCO

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.				KIND DATE			2	APPL	ICAT:	DATE						
US 2007						2007								_	0050	
WO 2007						2007								_	0060	
w:						AU,										
	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
	GE,	GH,	GM,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KΕ,	KG,	KΜ,	KN,	KΡ,
	KR,	ΚZ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,	MN,
	MW,	MX,	MY,	ΜZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RS,
	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	sv,	SY,	TJ,	TM,	TN,	TR,	TT,	TZ,
	UA,	UG,	US,	UΖ,	VC,	VN,	ZA,	ZM,	ZW							
RW:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,
	IS,	IT,	LT,	LU,	LV,	MC,	NL,	ΡL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,	ВJ,
	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG,	BW,	GH,
	GM,	ΚE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	ŪĠ,	ZM,	ZW,	AM,	AZ,	BY,
	KG,	ΚZ,	MD,	RU,	ТJ,	TM										

AB A nutritional supplement, prepared food product, or direct food additive for ingestion by mammals comprises an oxidation-resistant fat-based composition substantially free of exogenous solubilizing and dispersing agents for phytosterols. The fat-based composition includes 25-75% by weight of one or more

triglyceride-based edible oil or fat, and 25-75% by weight of one or more non-esterified phytosterols. The sterols are mixed with fats or oils, heated to dissolve the sterols, and cooled to obtain the triglyceride-recrystd. sterols. The fat-based composition, when exposed to air, contains a reduced amount of oxidative byproducts compared to a similar fat-based composition lacking non-esterified phytosterols. The products reduce plasma cholesterol in mammals. Plasma lipoproteins and cholesterol are protected from oxidation by ingestion of the products.

L3 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:700084 CAPLUS

DOCUMENT NUMBER: 145:123566

TITLE: Sachets comprising plant sterol, emulsifiers and tea

leaves

INVENTOR(S): Veldhuizen, Yvonne Susanna J.; Husken, Henk

PATENT ASSIGNEE(S): Unilever N.V., Neth.; Unilever PLC; Hindustan Lever

Limited

SOURCE: PCT Int. Appl., 18 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.				KIND DATE					APPL	CAT		DATE					
WO 2006074752				A1	-	 2006	 0720	WO 2005-EP12500					20051118				
	W:	ΑE,	AG,	AL,	AM,	ΑT,	AU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KM,	KN,	KP,	KR,
		ΚZ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,	MN,	MW,	MX,
		MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,
		SG,	SK,	SL,	SM,	SY,	ТJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,
		VN,	YU,	ZA,	ZM,	ZW											
	RW:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,
		IS,	IT,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,	ВJ,
		CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG,	BW,	GH,
		GM,	KΕ,	LS,	MW,	MZ,	NΑ,	SD,	SL,	SZ,	ΤZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,
		KG,	ΚZ,	MD,	RU,	TJ,	TM										
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PRIORITY APPLN. INFO.: EP 2005-75107 A 20050114

AB A porous sachet comprises plant sterol, emulsifier and a particulate material such as tea leaves. Thus, the sachet contains phytosterol ester (tall oil sterols (primarily β -sitosterol) esterified with sunflower fatty acids) 0.47, Tween 60 1.25, and black tea leaves 2.0 g.

sunflower fatty acids) 0.47, Tween 60 1.25, and black tea leaves 2.0 g.
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L3 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
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ACCESSION NUMBER: 2003:532146 CAPLUS

DOCUMENT NUMBER: 139:84367

TITLE: Stable aqueous suspension of a hydrophobic nutrient

INVENTOR(S):
Milley, Christopher J.; Peters, Scott E.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 5 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

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PATENT NO.
                                                KIND
                                                              DATE
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                                                                                 US 2002-37573
         US 2003129253
                                              A1
                                                              20030710
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         WO 2003057157
                                                 A2
                                                              20030717
                                                                                     WO 2002-US41781
         WO 2003057157
                                                 A3
                                                              20040408

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI. FR. GB. GR. IE. IT. LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ,

                         FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
         AU 2002364054
                                                 A1
                                                              20030724
                                                                                AU 2002-364054
                                                                                                                                   20021230
         US 2004067260
                                                  A1
                                                              20040408
                                                                                     US 2003-678557
                                                                                                                                   20031003
PRIORITY APPLN. INFO.:
                                                                                     US 2002-37573
                                                                                                                            A 20020103
                                                                                     WO 2002-US41781
                                                                                                                          W 20021230
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AB An aqueous suspension of a hydrophobic nutrient is disclosed. In particular, the nutrient, in ester form, is combined with a selected dispersion aid and a dispersion agent(s), and then dispersed in an aqueous medium to form the suspension.

L3 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:396286 CAPLUS

DOCUMENT NUMBER:

138:384516

TITLE: Prepared foods containing triglyceride-recrystallized

non-esterified phytosterols

INVENTOR(S): Perlman, Daniel; Hayes, Kenneth; Pronczuk, Andrzej

PATENT ASSIGNEE(S): Brandeis University, USA

SOURCE: U.S. Pat. Appl. Publ., 19 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2003096035	A 1	20030522	US 2002-295929		20021114
US 6638547	B2	20031028			
US 2005042355	A 1	20050224	US 2003-677634		20031001
US 7144595	B2	20061205			
US 2006251790	A 1	20061109	US 2006-475575		20060626
PRIORITY APPLN. INFO.:			US 2001-332434P	P	20011116
			US 2002-295929	A2	20021114
			WO 2002-US36809	A2	20021114
			US 2003-677634	A1	20031001

A food product (e.g., fried snack food) includes an oxidation-resistant AB fat-based composition free of exogenous solubilizing and dispersing agents for phytosterols. The fat-based composition includes 75-98% by weight of at least one

triglyceride-based edible oil or fat, and 2-25% by weight of non-esterified phytosterols. Typically, approx. 1.5% by weight of phytosterols remain soluble at room temperature, and 0.5-23.5% by weight are converted

to triglyceride-recrystd. phytosterols. A fat-based composition which has been partially oxidized in prepared food by exposure to air (and typically heat), contains a reduced amount of oxidative byproducts compared to a similar fat-based composition lacking these non-esterified phytosterols. Thus, canola

oil supplemented with 10% soybean oil-derived phytosterols may be used to fry potato chips, thereby giving a product with cholesterol-lowering properties.

ANSWER 5 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN

2002:934739 CAPLUS ACCESSION NUMBER:

DOCUMENT NUMBER: 138:298386

TITLE: Expression of a Streptomyces 3-hydroxysteroid oxidase

gene in oilseeds for converting phytosterols to

phytostanols

AUTHOR(S): Venkatramesh, Mylavarapu; Karunanandaa, Balasulojini;

Sun, Bin; Gunter, Catharine A.; Boddupalli, Sekhar;

Kishore, Ganesh M.

CORPORATE SOURCE: Agriculture Biotechnology, Monsanto Company, St.

Louis, MO, 63167, USA

Phytochemistry (Elsevier) (2003), 62(1), 39-46 CODEN: PYTCAS; ISSN: 0031-9422 SOURCE:

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal LANGUAGE: English

Plant sterols and their hydrogenated forms, stanols, have attracted much attention because of their benefits to human health in reducing serum and LDL cholesterol levels, with vegetable oil processing being their major source in several food products currently sold. predominant forms of plant sterol end products are sitosterol, stigmasterol, campesterol and brassicasterol (in brassica). In this study, 3-hydroxysteroid oxidase from Streptomyces hygroscopicus was utilized to engineer oilseeds from rapeseed (Brassica napus) and soybean (Glycine max), resp., to modify the relative amts. of specific sterols to stanols. Each of the major phytosterols had its C-5 double bond selectively reduced to the corresponding phytostanol without affecting other functionalities, such as the C-22 double bond of stigmasterol in soybean seed and of brassicasterol in rapeseed. Addnl., several novel phytostanols were obtained that are not produced by chemical hydrogenation of phytosterols normally present in plants.

REFERENCE COUNT: THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS 23 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 6 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:338288 CAPLUS

DOCUMENT NUMBER: 134:339855

TITLE: Compositions comprising edible oils or fats and

phytosterols and/or phytostanols substantially

dissolved therein, method of making the same, and use

thereof in treating or preventing cardiovascular

disease and its underlying conditions

INVENTOR(S): Zawistowski, Jerzy

PATENT ASSIGNEE(S): Forbes Medi-Tech Inc., Can.

SOURCE: PCT Int. Appl., 22 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.				Ď	DATE			APPLICATION NO.						DATE			
WO 2001		-		A2 200105 A3 200109									20001103				
W:			AT,	AU,	AZ,	BA,									-		
	JP, KE	, KG,	KP,	LR,	LS,	LT,	LU,	LV,	MD,	MG,	MK,	MN,	MW,	MX,	NO,		

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UG, UZ, VN, YU, ZA, ZW, KZ
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
             BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     CA 2389704
                          A1
                                 20010510
                                           CA 2000-2389704
                                                                     20001103
     AU 2001012608
                          Α
                                 20010514
                                             AU 2001-12608
                                                                     20001103
                                           EP 2000-974202
     EP 1227734
                          A2
                                 20020807
                                                                     20001103
     EP 1227734
                          В1
                                 20050112
             AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
     JP 2003512850
                                 20030408
                          Т
                                             JP 2001-534245
                                                                     20001103
                                             AT 2000-974202
     AT 286660
                          Т
                                 20050115
                                                                     20001103
                                             PT 2000-974202
     PT 1227734
                          Т
                                 20050531
                                                                     20001103
                          Т3
     ES 2235979
                                 20050716
                                             ES 2000-974202
                                                                     20001103
     HK 1055377
                          A1
                                 20060512
                                             HK 2003-107807
                                                                     20031029
PRIORITY APPLN. INFO.:
                                             US 1999-434356
                                                                 A 19991103
                                             US 1999-434256
                                                                 A 19991103
                                             WO 2000-CA1298
                                                                  W
                                                                    20001103
     A composition comprises an edible oil or fat and one or more
AB
     phytosterols and/or phytostanols, wherein the phytosterols and/or
     phytostanols are substantially completely dissolved therein by a method in
     which the phytosterols and/or phytostanols are heated to form a molten
     material which is then added to a heated oil or fat and the
     composition so formed is cooled to room temperature
     ANSWER 7 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:
                         2000:772652 CAPLUS
DOCUMENT NUMBER:
                         133:325617
TITLE:
                         Process of purifying phytosterols from wood or
                         plant-derived sources and compositions resulting
                         therefrom
                          Coss, James L.; Kutney, James P.; Milanova, Radka K.;
INVENTOR(S):
                         Jollez, Paul
PATENT ASSIGNEE(S):
                         Forbes Medi-Tech Inc., Can.
SOURCE:
                         PCT Int. Appl., 34 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:
                         Patent
LANGUAGE:
                         English
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
     PATENT NO.
                         KIND
                                DATE
                                             APPLICATION NO.
                                                                     DATE
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                         ____
     WO 2000064921
                          A2
                                 20001102
                                             WO 2000-CA455
                                                                     20000427
     WO 2000064921
                          Α3
                                 20010712
             AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
         W:
             DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
             JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
             MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
             TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
             RU, TJ, TM
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             DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
             CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     CA 2372154
                                          CA 2000-2372154
                                 20001102
                                                                     20000427
                          A1
     EP 1173464
                          A2
                                 20020123
                                             EP 2000-922365
                                                                     20000427
             AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
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WO 2000-CA455 W 20000427
AB A universal process for purifying phytosterols from a wood or plant

20020521

20021217

BR 2000-10062

JP 2000-614270

US 1999-300135

20000427

20000427

19990427

IE, SI, LT, LV, FI, RO

Α

Т

BR 2000010062

JP 2002543088

PRIORITY APPLN. INFO.:

derived source comprises extracting from the source a concentrated extract comprising

phytosterols and a hydrocarbon; complexing the extract so formed with a metal salt; separating the phytosterol/metal salt complex from the hydrocarbon; washing the complex with a solvent mixture comprising one or both of a hydrocarbon and a ketone; hydrolyzing the washed complex so formed and finally separating the phytosterols therefrom. A novel composition comprises β -sitosterol, campesterol, campestanol, sitostanol and optionally brassicasterol and brassicastanol.

L3 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:742265 CAPLUS

DOCUMENT NUMBER: 133:307835

TITLE: Transgenic plants carrying expression constructs for

seed-specific biosynthesis of sterols and tocopherols Venkatramesh, Mylavarapu; Corbin, David R.; Bhat,

Ganesh B.; Boddupalli, Sekhar S.; Grebenok, Robert J.; Kishore, Ganesh M.; Lardizabal, Kathryn D.; Lassner,

Michael W.; Rangwala, Shaukat H.; Karunanandaa,

Balasulojini

PATENT ASSIGNEE(S): Monsanto Company, USA

SOURCE: PCT Int. Appl., 167 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

INVENTOR(S):

	PATENT NO.					KIN	D	DATE		•	APPL	ICAT	DATE						
		NO 2000061771 NO 2000061771							,	WO 2	000-	20000412							
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			MD,	MG,	MK,	MN,	MW,	MX,	NO,	NZ,	PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,	
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								GR,											
								GW,									•	-	
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	ΕP	1169	462			A2 20020109				:	EP 2	000-		20000412					
		R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,	
			ΙE,	SI,	LT,	LV,	FI,	RO											
	BR	2000	0105	97		Α		2002	0213]	BR 2	000-		2	0000	412			
	US 2005102716							2005	0512	1	US 2	004-	6475	17		20	0040	116	
PRIO:	PRIORITY APPLN. INFO.:									1	US 1	999-]	P 19990412					
																B1 20000412			
																W 20000412			
ΔR	R Expression constructs for genes for s																		

AB Expression constructs for genes for enzymes of sterol and polyisoprenoid metabolism that can be used to alter patterns of biosynthesis and accumulation of sterol compds. and tocopherols in transgenic plants are described. Also provided are methods of using such constructs to produce transgenic plants, seeds of which contain elevated levels of sitostanol and/or sitostanol esters, and α -tocopherol, as well as reduced levels of campesterol and campestanol and their corresponding esters. These seeds also contain the novel sterol brassicastanol. Oil obtained from seeds of such transgenic plants is also provided. This oil can be used to prepare food and pharmaceutical compns. effective in lowering the level of low d. lipoprotein cholesterol in blood serum. In addition, novel DNA sequences encoding plant steroid 5α -reductases are also disclosed.

m.

L3 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1939:11391 CAPLUS

DOCUMENT NUMBER: 33:11391
ORIGINAL REFERENCE NO.: 33:1747c-e

TITLE: Brassicasterol. I. Empirical formula and hydrogenation

AUTHOR(S): Fernholz, Erhard; Stavely, Homer E. SOURCE: Journal of the American Chemical Society (1939), 61,

142-3

CODEN: JACSAT; ISSN: 0002-7863

DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

AB Unrefined rapeseed oil (Japanese) (6.8 kg.) on saponification with MeOH-KOH yields 20.4 g. crude crystalline sterols; acetylation and bromination yield 1.1 g. tetrabromide, m. 205° (decomposition); debromination gives an acetate, m. 152°, [α]D22 -65° (20 mg. in 2.06 cc. CHCl3); brassicasterol (I), m. 146°, [α]D22 -61°. The m-dinitrobenzoate of I m. 219°, [α]D25 -28° (18.7 mg. in 2 cc. CHCl3). Catalytic reduction in EtOH (24 h.) gives brassicastanol (II), m. 142°, [α]D25 23.6°

(22.1 mg. in 2 cc. CHCl3); it contained some EtOH of crystallization; acetate,

143°, $[\alpha]D25$ 14.5° (18 mg. in 2 cc. CHCl3); m-dinitrobenzoate, m. 202° $[\alpha]D25$ 13.9° (15.8 mg. in 2 cc. C6H6). Anal. results indicate the formula C29H48O. The difference between I and stigmasterol does not lie in the position of a double bond but in the C skeleton. II is also different from ostreastanol (Bergmann, C. A. 28, 3748.2).

Connection closed by remote host